

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.
1853-SPL

In Re Application Of:

George M. Murray, et al.

Serial No.	Filing Date	Examiner	Group Art Unit

Title:

Neutron Detection Based On Boron Activated Liquid Scintillation

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

- the statement specified in 37 CFR 1.97(e);

OR

- the fee set forth in 37 CFR 1.17(p).

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Payment of Fee

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Dated: **9/17/63**

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CC:

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 1853-SPL		Application Number	
				Applicant(s) George M. Murray, et al.			
				Filing Date		Group Art Unit	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	5,734,166	3/31/98	John B. Czirr			
	B	5,606,638	2/25/97	Jacob R. Tymianski			
	C	4,620,939	11/4/86	Massahiko Maeda			
	D	3,573,220	3/30/71	Royal H. Benson			
	E	3,372,127	3/5/68	George E. Thomas, Jr.			
	F	3,233,103	2/1/66	Ryozo Aoki			
FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
G	JP405333158A	12/17/93	Japan			✓	
H	998,117	7/14/65	England				
I	960,448	6/10/74	England				
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	1	Large Area Imaging Detector for Neutron Scattering Based on Boron-Rich Liquid Scintillator, D. Vartsky and M.B. Goldberg, et al., Nucl. Instr. & Method A, July 2002					
	2	Neutron Counting, Detector ApplicationsInformation Note, Bicron, www.bicron.com , 3/1997					
	3	Research Program of the TEXONO Collaboration: Status and Highlights, Wong and Li, 3/8/02, 1st NCTS Workshop on Astro-Particle Physics, Taiwan, 12/2001					
	4	A Feasibility Study of Boron-Loaded liquid Scintillator for the Detection of Electron Anti-Neutrinos, SC Wang, et al. 10/20/98, Nuclear Instr. and Methods in Physics Research A 432 (1999) 111-121					
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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